

Stem Cell Subawards

2014

- Dr. Shashank Dravid (Creighton University School of Medicine): mTOR Pathway and Glutamate Delta-1 in Neural Stem Cells (one year; \$110,000)
- Dr. Andrew Dudley (University of Nebraska Medical Center; working with University of Nebraska – Lincoln): Calcium-Optimized Cartilage Formation from MSCs (one year; \$110,000 with University of Nebraska Medical Center receiving \$62,260 and University of Nebraska – Lincoln receiving \$47,740)
- Dr. A. Angie Rizzino (University of Nebraska Medical Center): Reprogramming Human Somatic Cells without Transgenes (one year; \$110,000)
- Dr. Stephen Rennard (University of Nebraska Medical Center): Reprogramming Airway Fibroblasts in Asthma (one year; \$105,986)

2013

- Dr. Iqbal Ahmad (University of Nebraska Medical Center): Therapeutic Regeneration in Diseased Retina (one year; \$110,000)
- Dr. Hamid Band (University of Nebraska Medical Center): Genetic Dissection of Intestinal Crypt Stem Cell Regulation by Cbl-family Ubiquitin Ligases (one year; \$110,000)
- Dr. Janee Gelineau-van Waes (Creighton University School of Medicine): CerS1-Gdf1: Bicistronic Balance of Neural Stem Cell Fate (one year; \$109,857)
- Dr. Shadi Othman (University of Nebraska – Lincoln): Multi-Modal Imaging for Bone TE in a Defect Model (one year; \$109,967)

2012

- Dr. Andrea Cupp (University of Nebraska – Lincoln): VEGFA Isoform Effects on Spermatogonial Stem Cell Homeostasis (one year; \$80,000)
- Dr. Shi-Jian Ding (University of Nebraska Medical Center): Proteomic Study of iPSC and NPC Induction (one year; \$100,000)
- Dr. Santhi Gorantla (University of Nebraska Medical Center): Humanized Mouse Model to Test Immunogenicity of iPSCs (one year; \$68,269)
- Dr. Woo-Yang Kim (University of Nebraska Medical Center): Neural Stem Cells and Neurological Disorders (one year; \$100,000)
- Dr. Anuradha Subramanian (University of Nebraska – Lincoln): Clinically Relevant Cartilage in Ultrasonic Bioreactors (one year; \$100,000)

2011

- Dr. Jung Lim (University of Nebraska – Lincoln): Controlling Stem Cell Fate via Cell Patterning (two years; \$150,000 total)
- Dr. Mayumi Naramura (University of Nebraska Medical Center): Regulation of Hematopoietic Stem Cell Homeostasis by CBL (two years; \$150,000 total)
- Dr. Anuradha Subramanian (University of Nebraska – Lincoln): Mesenchymal Stem Cells, Scaffolds, and Ultrasound in Cartilage Tissue Engineering (one year; \$56,420)
- Dr. Zhao-Yi Wang (Creighton University): ER-alpha36: Roles in Breast Cancer Stem Cells (two years; \$150,000 total)

2010

- Dr. Hesham Basma (University of Nebraska Medical Center): Induced Pluripotent Stem Cells and COPD (two years; \$129,500 total)
- Dr. Shi-Jian Ding (University of Nebraska Medical Center): Proteomic Study of iPS and NPC Cell Induction (two years; \$129,500 total)
- Dr. George Oyler (University of Nebraska – Lincoln): Tcd Based Protein Delivery of iPSC Reprogramming Factors (one year; \$95,080)
- Dr. John Sharp (University of Nebraska Medical Center): Mouse and Human iPS Cells: Tools to Probe Cellular Aging (two years; \$129,500 total)

2009

- Dr. Iqbal Ahmad (University of Nebraska Medical Center): Adult Stem Cells for Autologous Cell Therapy (two years; \$150,000 total)
- Dr. Kirk Beisel (Creighton University School of Medicine): Transcript Factors in Auditory Hair Cell Regeneration (two years; \$150,000 total)
- Dr. Andrea Cupp (University of Nebraska – Lincoln): VEGF Isoform Regulation of Spermatogonial Stem Cells (two years; \$150,000 total)
- Dr. A. Angie Rizzino (University of Nebraska Medical Center): Human iPS Cell Formation and Sox2-Associated Proteins (two years; \$150,000 total)
- Dr. Garrett Soukup (Creighton University School of Medicine): MicroRNA Promotion of Hair Cell Differentiation (two years; \$150,000 total)
- Dr. Jialin Zheng (University of Nebraska Medical Center): Regenerative Therapy of Parkinson's Disease by iPS Cells (two years; \$150,000 total)